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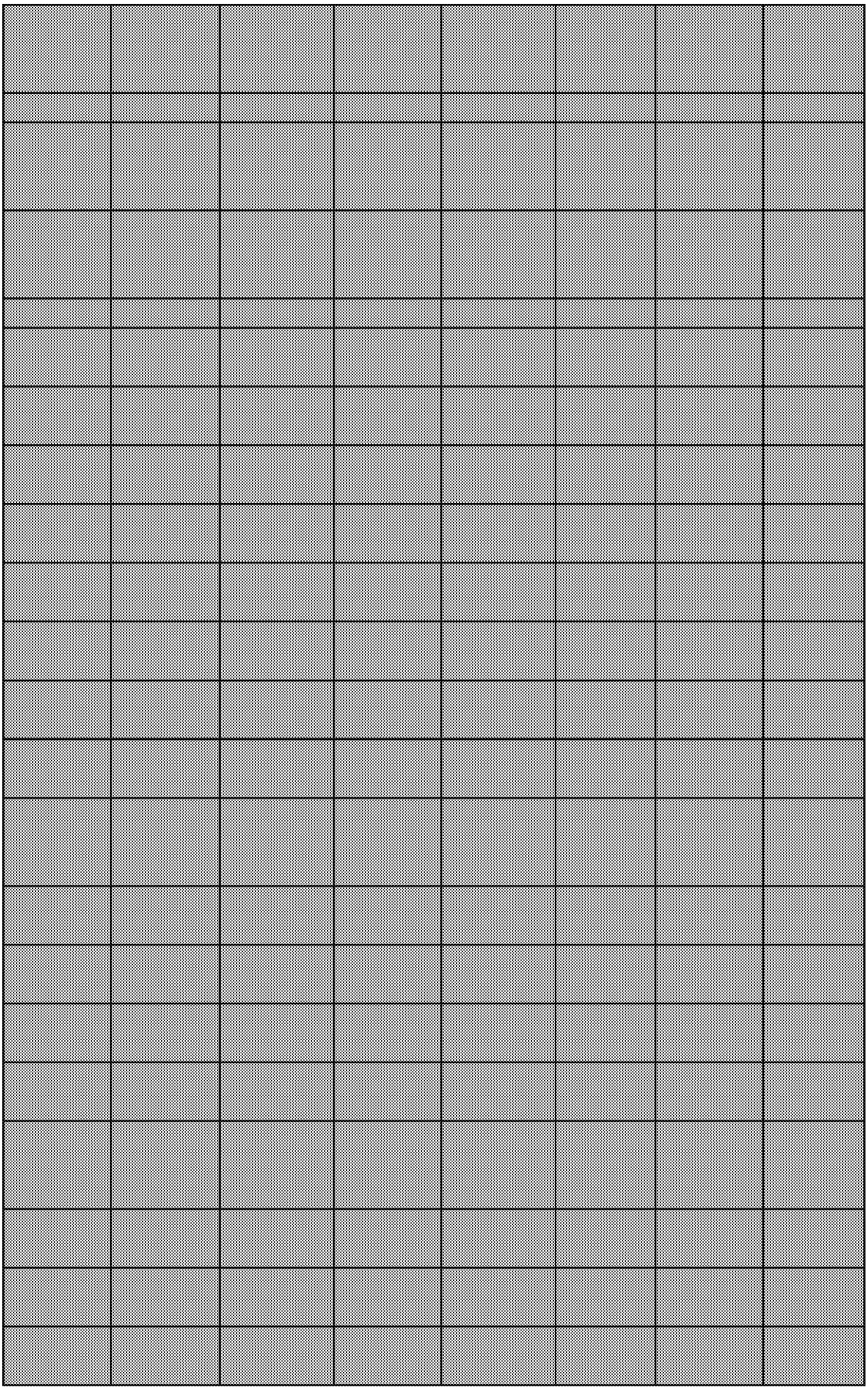

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Parkinson's disease (PD) is a disease of an aging population and its etiology is still unknown. In vivo models are attempts
Parkinson's disease (PD), a neurodegenerative disorder, is characterized by the selective degeneration of the nigrostriata
Parkinson's disease (PD) is a neurological movement disorder primarily resulting from damage to the nigrostriatal dopam
Animal models of Parkinson's disease (PD) have been widely used in the past four decades to investigate the pathogenes
Most human health risk assessments are based on animal studies that can be conducted under conditions where exposu
Parkinson's disease (PD) is a common neurodegenerative movement disorder that is characterized pathologically by a pr
Although researchers are pursuing "disease modifying" medications to slow or stop Parkinson's disease (PD) progression
Neurological disorders can be modeled in animals so as to recreate specific pathogenic events and behavioral outcomes.
It has been suggested that exposure to pesticides might be involved in the etiology of Parkinson's disease (PD). We cond
Prior studies have established an inverse association between cigarette smoking and the risk of developing Parkinson's d
To date, numerous case-control studies have shown the complexity of the pathogenesis of Parkinson's disease (PD). In te
P-type ion pumps are membrane transporters that have been classified into five subfamilies termed P1-P5. The ion trans
Parkinsons' disease (PD) is the most common neurodegenerative movement disorder that is a consequence of premature
Accumulating evidence indicates that pesticide exposure is associated with an increased risk for developing Parkinson's c
Several epidemiological studies suggest that pesticides could lead to neurodegenerative diseases such as Parkinson's and
OBJECTIVE: To investigate the risk of Parkinson disease (PD) associated with exposure to pesticides and solvents using m
Parkinson's disease (PD) is a neurodegenerative movement disorder that results from the progressive loss of dopaminerg
Parkinson's disease (PD) is a progressive, neurodegenerative disorder of unknown etiology, although a complex interacti
Since their discovery, Parkinsonian toxins (6-hydroxydopamine, MPP+, paraquat, and rotenone) have been widely emplo
Genetic and idiopathic forms of Parkinson's disease (PD) are characterized by loss of dopamine (DA) neurons and typicall
The etiology of most neurodegenerative disorders is multifactorial and consists of an interaction between environmenta

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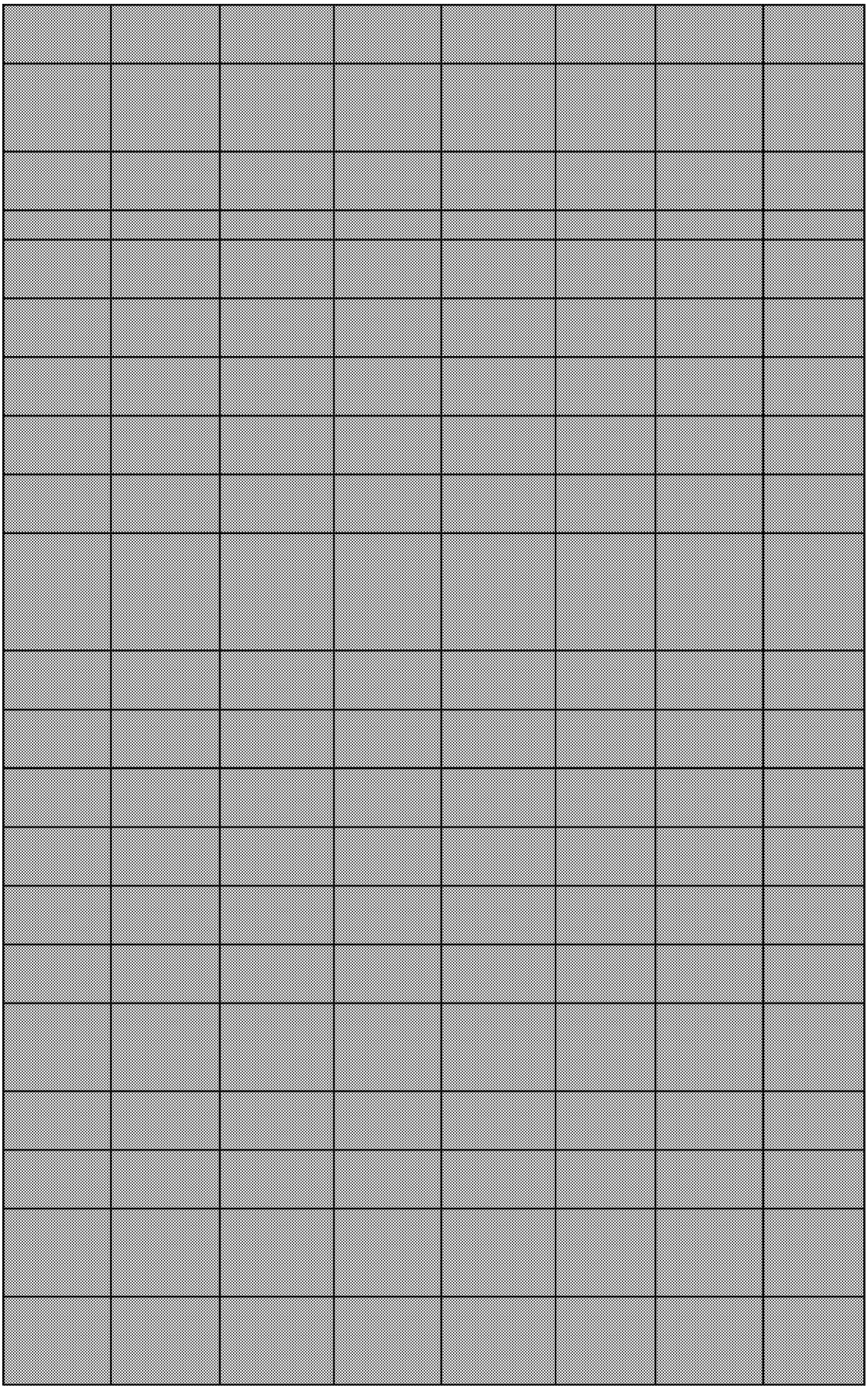

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Paraquat is an herbicide used extensively in agriculture and has also been proposed to be a risk factor for Parkinson's dis
Thioflavin-T (ThT) is a cationic benzothiazole dye that displays enhanced fluorescence upon binding to amyloid fibrils. Thi
Maneb (MB) is a manganese-containing ethylene bis-dithiocarbamate fungicide that is implicated as an environmental ri
Heavy metals, various pesticide and herbicides are implicated as risk factors for human health. Paraquat, maneb, and rot
Parkinson's disease (PD) is the first and second most prevalent motor and neurodegenerative disease, respectively. The c
The central nervous system's extrapyramidal system provides involuntary motor control to the muscles of the head, neck
Laboratory studies involving repeated exposure to paraquat (PQ) in different animal models can induce many of the path
OBJECTIVE: Bradford Hill's viewpoints were used to conduct a weight-of-the-evidence assessment of the association betv
Activities and quantities of several oxidative phosphorylation (OXPHOS) system complexes are decreased in many Parkin
The principles and procedures for the assessment of the safety/risk of chemical used by the relevant WHO and EPA expe
Parkinson disease (PD) is a neurodegenerative disorder characterized by a selective loss of dopaminergic neurons in the s
Coronary artery ectasia is the abnormal enlargement of the coronary artery. The prognosis, treatment, and etiology of th
Experimental, clinical and epidemiological evidence indicates that exposure to environmental agents may contribute to t
Idiopathic Parkinson's disease (PD), one of the most common neurodegenerative disorders associated with aging, is char
Retrospective case-control studies among patients with idiopathic Parkinson's syndrome (IPS) show a positive associatio
The etiology of Parkinson's disease (PD) has yet to be delineated. Human genetic studies as well as neurotoxicant and tra
Parkinson's disease (PD) is a progressive neurodegenerative disease with no known cure and affects approximately 1% o
Current theories suggesting that degeneration of the nigrostriatal pathway following pesticide exposure could be a cause
The pace of development of new animal models of Parkinson's disease (PD) has increased dramatically in the recent past
Maneb, a widely used fungicide, has been associated with Parkinsonism in humans. In experimental models, maneb and

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